IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Sreekanth Voleti et al.	Examiner:	Lohn, Joshua A.
Serial No.:	09/849,916	Group Art Unit: 2114	
Filed:	May 4, 2001	Docket No:	H0001602-0760
Title:	PROCESS CONTROL BUS MONITORING AND ANALYSIS		

APPELLANT'S REPLY BRIEF UNDER 37 C.F.R. § 41.41

Mail Stop Appeal Brief - Patents
Commissioner for Patents
P.O. Box 1450
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This Reply is presented in response to the Examiner's Answer, dated November 18, 2005, which was sent in answer to Appellant's Brief on Appeal, filed on September 26, 2005. Appellant's Brief on Appeal was filed in response to the rejection of claims 1-16 and 18-23 of the above-identified application.

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REPLY

The Examiner's Answer Brief, ("Answer") dated November 18, 2005, includes substantially identical grounds for rejection as the last Final Office Action. Appellant respectfully maintains that the Appeal Brief, which is hereby incorporated by reference and reasserted in response, overcomes these grounds of rejections. As such, this Reply Brief includes additional comments in reply to the "Response to Argument" section beginning on page 8 of the Answer.

Claims 1-11, 13-16, and 18-20

Page 9-10 of the Answer recites that "The limitations describing the interpretation file only require a translation that makes the packet information able to be viewed by the user (independent claims 10 and 21). Henrikson does provide a reasonable form of this in the translation of the packet for the purpose of implementing the user's selection for packet filtering (Henrikson, column 5, lines 11-23, where the user uses a user viewable file to select a trigger event and the selected event is a translated form of the necessary digital data that is used to identify the packet)." Claim 10 recites that a frame is received in a receive queue. It is this received frame for which a user viewable interpretation of the frame is provided. In Henrikson, the cited language clearly describes that a user is provided a user interface to select trigger events, which are then used to capture data. This is clearly not an interpretation of received frames, but a user interface which provides the ability to select triggers to capture the data. There is no discussion of providing a viewable interpretation of a frame as claimed in claim 10, along with dependent claims 11-20. In particular, claim 10 recites "to provide a user viewable interpretation of the frame." In the context of the claim, the frame is a received frame. No such

concept or disclosure is found in Henrikson, as Applicant and the Examiner appear to agree that Henrikson uses filters to find frames, and Henrikson does not describe analysis of a received frame.

A similar order of events may be found in independent claims 1 and 7. In claim 1, a frame is first selected, and then, as is evident in the context provided by the preamble, a method of analyzing frames, the text file is used to identify function code formats and values for fields are calculated based on the function code formats. Thus, it is clear that analyzing a frame is conducted after the frame is selected, not while defining trigger events as is described in Henrikson. Claim 7 is similar to claim 1 in this regard. Claims depending from claims 1 and 7 are also believed patentable at least for the same reasons.

Page 9 of the Answer indicates that the claims do not include an order requirement. "In claim 1, the selection of the frame is wholly independent of the identifying the function code formats and the calculation of the values," Applicant respectfully traverses this argument. When taken in context with the preamble, a frame clearly must be selected prior to the analysis that the remaining elements perform. The preamble clearly recites a method of analyzing frames. The first element clearly recites selecting a frame to be analyzed. What must remain are elements that perform the analysis. These are, using a text file to identify function code formats, and calculating values for fields based on the function code formats. This order clearly distinguishes from the teaching of Henrikson, as Henrikson first provides an interface to a user to select triggers prior to using the triggers to find the data or packets. Hence, the selection of the triggers occurs prior to selection of data, and cannot be interpreted to be an analysis of selected frames as claimed. As the Examiner indicates, claim 7 is identical to claim 1 in this regard. In claim 10, the same logical progression of receiving a frame, and then performing analysis on the

received frame exists, clearly distinguishing Henrikson.

The sentence of the Answer spanning pages 9 and 10 states that "In view of this reasonable interpretation the references of Henrikson fully anticipates these limitations, regardless of the analysis occurring before the reception of the frames, the information involved in the operations is of a nature equivalent to the information involved in the claimed invention." Applicant agrees with the Examiner that the analysis in Henrikson occurs prior to the reception of the frames. Because in Henrikson, the filter is set up first, the user must know what to look for when searching for frames or packets. This may be of little help when trying to determine what is happening on a network. One may need to first capture the frames as in the presently claimed invention, and then analyze the captured frames to understand problems occurring in the network. Henrickson assumes that a user has an idea, and wishes to select packets consistent with that idea as represented by the filters.

Applicant also traverses all instances of official notice and inherency asserted in the Answer.

Claims 12, and 21-23

These claims are indicated as allowable by the Examiner, and as such, the appeal of these claims is withdrawn.

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Page 6
Docket No: H0001602-0760

Conclusion

The pending claims subject to this Reply are believed patentable. Appellant respectfully submits the claims are in condition for allowance and requests the Board issue an order to withdraw the rejections of claims 1-16 and 18-23.
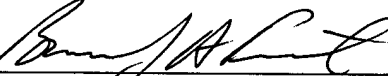
Respectfully Submitted,

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Docket No.:	H0001602-0760 PO No. B04370068	Serial No.: 09/849,916
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X   A return postcard.
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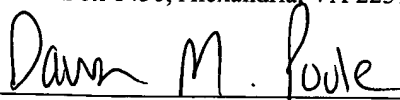
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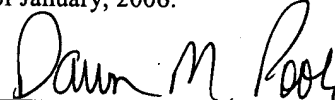Customer Number 00128   Atty: Bradley A. Forrest
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